



ATSAMS70Q21A-CN

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAMS70Q21A-CN                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 2MB FLASH 144LFBGA                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 7061 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

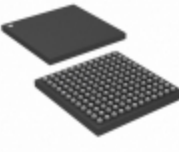
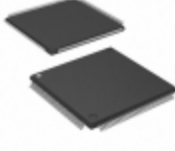
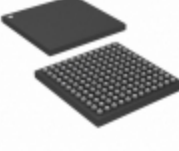
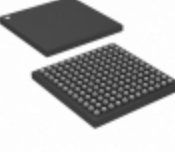
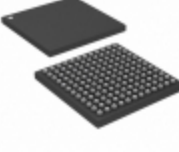
Specifications of ATSAMS70Q21A-CN

|                                  |                                                                             |
|----------------------------------|-----------------------------------------------------------------------------|
| PART NUMBER                      | ATSAMS70Q21A-CN                                                             |
| MANUFACTURER                     | Microchip Technology                                                        |
| DESCRIPTION                      | IC MCU 32BIT 2MB FLASH 144LFBGA                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                  |
| QUANTITY AVAILABLE               | 7061 pcs                                                                    |
| DATA SHEET                       |                                                                             |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                       |
| SERIES                           | SAM S70                                                                     |
| REVERSE RECOVERY TIME (TRR)      | 300MHz                                                                      |
| REQUIRES                         | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                             |
| PROGRAM MEMORY TYPE              | 2MB (2M x 8)                                                                |
| PROGRAM MEMORY SIZE              | EBI/EMI, I²C, IrDA, LIN, MMC/SD/SDIO, SPI, UART/USART, USB                  |
| OTHER NAMES                      | 1611-ATSAMS70Q21A-CN                                                        |
| OSCILLATOR TYPE                  | A/D 24x12b, D/A 2x12b                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                          |
| OPERATING SYSTEM                 | ARM® Cortex®-M7                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                               |
| MANUFACTURER PART NUMBER         | ATSAMS70Q21A-CN                                                             |
| EXPANDED DESCRIPTION             | ARM® Cortex®-M7 SAM S70 Microcontroller IC 32-Bit 300MHz 2MB (2M x 8) FLASH |
| DESCRIPTION                      | IC MCU 32BIT 2MB FLASH 144LFBGA                                             |
| DATA SRAM BYTES                  | -                                                                           |
| DATA CONVERTERS                  | 1.08 V ~ 3.6 V                                                              |
| CORE SIZE                        | 384K x 8                                                                    |
| CONTROLLER SERIES                | Internal                                                                    |
| CONNECTIVITY                     | 32-Bit                                                                      |
| CLOCK RATE                       | 114                                                                         |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology ATSAMS70Q21A-CN | ATSAMS70Q21A-CN Distributor            | ATSAMS70Q21A-CN Supplier                               |
| ATSAMS70Q21A-CN Price                         | ATSAMS70Q21A-CN Pictures               | ATSAMS70Q21A-CN Image                                  |
| ATSAMS70Q21A-CN PDF Datasheet                 | ATSAMS70Q21A-CN Download Datasheet     | ATSAMS70Q21A-CN Datasheet                              |
| ATSAMS70Q21A-CN Stock                         | Buy ATSAMS70Q21A-CN                    | Buy Micrel / Microchip Technology ATSAMS70Q21A-CN      |
| Micrel / Microchip Technology ATSAMS70Q21A-CN | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology ATSAMS70Q21A-CN | Microchip Technology ATSAMS70Q21A-CN   | Roving Networks / Microchip Technology ATSAMS70Q21A-CN |

Related Products

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| <div></div> <div><b>ATSAMS70Q21A-CFN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 144UFBGA<br/>In stock: 7462 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>ATSAMS70Q21B-AN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 144LQFP<br/>In stock: 7700 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>ATSAMS70Q21A-ANT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 144LQFP<br/>In stock: 9887 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>ATSAMS70Q21A-CNT</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 144LFBGA<br/>In stock: 7232 pcs<br/><div>RFQ</div></div>           |
| <div></div> <div><b>ATSAMS70Q21A-AN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 144LQFP<br/>In stock: 8312 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>ATSAMS70Q21A-CNT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 144LFBGA<br/>In stock: 5998 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>ATSAMS70Q21B-ANT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 144LQFP<br/>In stock: 8375 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>ATSAMS70Q20B-CNT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 144LFBGA<br/>In stock: 10437 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>ATSAMS70Q21A-CFNT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 144UFBGA<br/>In stock: 8301 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>ATSAMS70Q21A-AN</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 144LQFP<br/>In stock: 6020 pcs<br/><div>RFQ</div></div>             |
| <div></div> <div><b>ATSAMS70Q21B-CFN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 144FBGA<br/>In stock: 8145 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>ATSAMS70Q21A-CN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 144LFBGA<br/>In stock: 6276 pcs<br/><div>RFQ</div></div>   |